Research assistant

The SAFE AI chair recruits a research assistant

Place of work

Compiègne

Type of contract

3 year contract, renewable each year. Star as soon as possible.

Experience

Holder of a PhD thesis in machine learning, artificial intelligence or associated field. Previous experience in industry will be appreciated but not necessary.

Gross Salary

According to experience

Hours of work

1 607 hours/year

Mission

The research assistant will join the research team of the SAFE IA Chair, which brings together 5 laboratories at UTC and industrial partner SOPRA/STERIA. The aim of the chair is to develop AI methods, and more specifically machine learning methods, that are both robust to the uncertainties of their environment and able to quantify the uncertainties linked to their prediction. The Chair also aims to implement these methods through various case studies issued from different fields, including industry 4.0. (fault prediction, etc.), healthcare (diagnostic assistance, etc.), intelligent vehicles and agronomy.

The person recruited will play a key role in the Chair's scientific activities, be it in terms of scientific development, promotion or organization. He/she will work in close collaboration with the Chairholder.

Activités principales

This research assitant will have two main roles:

- To pursue a multidisciplinary research activity aimed in particular at valorizing the Chair's results and activities through case studies, submitted either by the Chair's member laboratories, or by public or industrial partners. This activity may extend to the production of software prototypes. In order to achieve this objective, the person recruited will also be expected to approach potential partners.

- Assist the Chairholder (S. Destercke) in the Chair's scientific activities and communications, by taking responsibility for some of these. This will involve supervising student projects, as well as co-organizing visits by visiting professors and scientific events associated with the Chair.

Skills

The candidate should demonstrate strong skills in computer science, machine learning and/or statistics, ideally with strong expertise in aspects of uncertainty management and quantification. The candidate should also demonstrate, through past activities or concrete elements, a strong willingness to interact with other fields of application, as well as with industrial or public partners.

The candidate should also demonstrate good communication skills, at least in English and if possible in French. To this end, the candidate will provide the following list of items:

- CV
- Cover letter explaining the candidate's interest in the project
- List of referees
- A publication representative of the candidate's work

Any application that does not include these elements will not be considered.

Work environment

The candidate will be integrated into the Heudiasyc laboratory, as part of the SAFE IA Chair. He/she will have access to the laboratory's facilities, and will have access to the funding associated with the project in order to carry out his/her mission (participation in conferences, purchase of a computer, etc.).

Contact

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